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# Example of Systems Safety Job Description

Our growing company is searching for experienced candidates for the position of systems safety. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for systems safety

* Collect information to facilitate ASAP event investigation and analysis
* Schedule and facilitate ASAP Event Review Committee meetings and produce minutes of all meetings
* Direct focus of ASAP data analysis to provide in-depth insight into underlying contributing factors to data trends
* Interfaces with company leadership and operating department Crewmembers to ensure analysis objectives and company data needs are met
* Track ASAP success stories and associated cost benefits of the ASAP and provide briefings to management and the ASAP covered workgroups
* Author newsletters to communicate ASAP trends to the covered workgroups
* Facilitate changes, as appropriate, for all ASAP Memorandum of Agreements
* Perform annual reviews of Crewmember participation and program effectiveness
* Systematically develop and review SIS proof testing procedures for each identified Safety Instrumented Function (SIF) and Legacy Instrumented Function (LIF)
* Under the guidance of the BMD PO&S, support the documentation of safety targets

## Qualifications for systems safety

* Provide an independent and expert opinion on the suitability of the signaling system / subsystems for intended use, from a safety standpoint
* You understand hardware design, EMC, environmental conditions, redundancy, and microprocessor architectures
* You understand software programming rules, structured programming, and real-time software
* 6+ years of experience in engineering, including 2+ years of experience with serving as a systems safety engineer and technician supporting an aviation program
* Experience with the application of system engineering processes for the safety analysis of complex aircraft systems
* Maintains and enhances technical knowledge in all relevant areas in global development